

University of Pretoria Yearbook 2016

Science education 303 (SCE 303)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	36.00
Prerequisites	CIL 111 GS
Contact time	2 lectures per week, 1 practical per week
Language of tuition	English
Academic organisation	Physics
Period of presentation	Year

Module content

Understanding the application of OBE in the teaching of science. The infusion of scientific thinking into the science curriculum in a developmentally appropriate way. The design of learning programmes by programme organisers at school level. Macro planning in the natural science learning area. Provincial and national models of assessment. The assessment and implementation of learning programmes. The assessment of learner progress in the context of specific science learning programmes. Introduction to the principles of discipline and motivation. Some aspects of school guidance and career planning. Practical: Practical experience with learning opportunities. Use of computers as a teaching aid.

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